

From: Chapman, Apple
Sent: Thursday, March 29, 2018 10:18 PM
To: Larson, Darrin
CC: Thompson, Steve; Fried, Gregory; Mia, Marcia
Subject: Re: Wells Redevelopment in San Juan Basin, New Mexico

Thank you for the update. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

I'll give you a call next week.

Sent from my iPhone

On Mar 29, 2018, at 5:47 PM, Larson, Darrin <Larson.Darrin@epa.gov> wrote:

Hi Apple,

I just left you a voice mail update - please call me if you'd like more information.

Ex. 5 Deliberative Process (DP)

I'm out of the office on Friday, but if we need to talk next week, just let me know.

Darrin

Darrin Larson
Chief, Air Permitting Enforcement Section (6EN-AA)
U.S. EPA Region 6
Office: 214-665-7115
Mobile: 972-467-5509

From: Chapman, Apple
Sent: Thursday, March 15, 2018 11:55 AM
To: Larson, Darrin <Larson.Darrin@epa.gov>
Cc: Thompson, Steve <thompson.steve@epa.gov>
Subject: RE: Wells Redevelopment in San Juan Basin, New Mexico

Please just keep me and Greg in the loop d

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thanks.

Ms. Apple Chapman |Deputy Director, Air Enforcement Division | U.S. Environmental Protection Agency

1200 Pennsylvania Ave. NW, Washington DC, 20004 |202-564-5666 (office)|202-841-6076 (mobile)|

From: Larson, Darrin

Sent: Wednesday, March 14, 2018 1:14 PM

To: Chapman, Apple <Chapman.Apple@epa.gov>

Cc: Thompson, Steve <thompson.steve@epa.gov>

Subject: RE: Wells Redevelopment in San Juan Basin, New Mexico

Hi Apple,

Steve is out this week Ex. 6 Personal Privacy (PP) so I'm acting today and wanted to follow up with you re: the coordination on Hilcorp.

Cindy is reviewing the information we received from Hilcorp and will let us know what she finds.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Darrin Larson

Chief, Air Permitting Enforcement Section (6EN-AA)

U.S. EPA Region 6

Office: 214-665-7115

Mobile: 972-467-5509

From: Chapman, Apple

Sent: Wednesday, March 14, 2018 10:06 AM

To: Thompson, Steve <thompson.steve@epa.gov>

Cc: Larson, Darrin <Larson.Darrin@epa.gov>; Kaleri, Cynthia <kaleri.cynthia@epa.gov>
Subject: RE: Wells Redevelopment in San Juan Basin, New Mexico

Thanks, Steve. Appreciate being kept in the loop. Have you heard back from the company?

Also, [Ex. 6 Personal Privacy (PP)] is coming to DC and wants to meet with us on March 23 or 25. [Ex. 5 Deliberative Process (DP)]

Ex. 5 Deliberative Process (DP)

[Ex. 5 Deliberative Process (DP)] I will work with you guys on scheduling. Hopefully you can join via VTC
(that's better than by phone).

Ms. Apple Chapman |Deputy Director, Air Enforcement Division | U.S. Environmental
Protection Agency

1200 Pennsylvania Ave. NW, Washington DC, 20004 |202-564-5666 (office)|202-841-6076
(mobile)|

From: Thompson, Steve

Sent: Monday, March 12, 2018 9:46 AM

To: Chapman, Apple <Chapman.Apple@epa.gov>

Cc: Larson, Darrin <Larson.Darrin@epa.gov>; Kaleri, Cynthia <kaleri.cynthia@epa.gov>

Subject: FW: Wells Redevelopment in San Juan Basin, New Mexico

Apple,

Here is the email correspondence to the company that was sent on Friday. [Ex. 5 Deliberative Process (DP)]

Ex. 5 Deliberative Process (DP)

Steve

From: Kaleri, Cynthia

Sent: Friday, March 09, 2018 4:38 PM

To: Matt Henderson <mhenderson@hilcorp.com>

Cc: Larson, Darrin <Larson.Darrin@epa.gov>

Subject: Wells Redevelopment in San Juan Basin, New Mexico

Hello Matt,

I just wanted to follow-up with this e-mail to help ensure that information you had
planned to send us next Tuesday morning (by lunchtime) would include some key
information that we need. We appreciate ya'll taking the time to answer our questions.

As discussed earlier today, EPA received a complaint by a landowner in New Mexico. He

was concerned because Hilcorp's field rep told him that "green completions" would not be used in hydraulically refracturing 8 existing wells this week in the San Juan Basin

Ex. 4 CBI

Ex. 4 CBI

. This was the reason I contacted Hilcorp, but I failed to ask you exactly how many wells are being redeveloped by Hilcorp and when. Could you please be sure and let us know the number of wells being redeveloped and the general schedule for each well completion planned for the same basin?

You wondered where in the rule "green completion" was defined, and I agree the term is sometimes used interchangeably with "Reduced Emission Completion" (REC). REC is the term discussed within the preamble to the NSPS Subpart OOOOa final rule and defined in the rule itself. I thought it was better to just jump into the requirements for flowback stages and the reporting requirements for RECs to help follow-up on the concerns voiced. Thanks for looking at the rule requirements from this aspect with me since that is really the point.

The rule itself defines flowback and two stages for flowback for purposes of the various requirements; reporting requirements help document implementation during the entire flowback period of a well. Of course, requirements at 40 CFR § 60.5375a(a) do differentiate those requirements for "Non-Low Pressure, Non-Delineation, and Non-Wildcat" Wells (and that's what I was looking at as we discussed Hilcorp's completions).

You had stated that ya'll were in the initial flowback stage, which has slightly different requirements from the separation flowback stage. I should have asked, but ya'll do have a separator onsite during the entire flowback period though, yes? You did say that ya'll were not venting or flaring during the separation flowback stage. So please do let me know if I misunderstood this point and please also let me know if ya'll do have a separator onsite during the entire flowback period ... this all might be covered in ya'lls procedures (which you agreed to send), but perhaps you can clarify directly in your e-mail, too, since it is an important point.

I also understood that you said the agreement ya'll had with the Bureau of Land Management (BLM) had provisions for complying with NSPS Subpart OOOOa and that you could provide that agreement with BLM to help us in our overall understanding of the requirement to meet NSPS Subpart OOOOa (within the agreement).

Hope the above recap helps and here's a summary of the information needed:

Total Number of Wells Being Redeveloped in San Juan Basin by Hilcorp and Timeframe (general schedule) for Completions

Hilcorp's Procedures for Well Redevelopment & Completions

Hilcorp's Agreement with BLM for Redevelopment/Completions on Federal Land (which may include item 2, above)

Basic completion information on each well being redeveloped - ID Number, Location, Dates of Flowback, Separator Onsite, Hilcorp's determination of REC at the well, etc. {you can review § 60.5420a for help on reporting elements required for well sites under the rule}

Thanks so much for your time today, and I look forward to information to be submitted next week by e-mail. Feel free to call with any questions prior to that time,

Cynthia J. Kaleri

Enforcement Officer, EPA Region 6

Phone (214) 665-6772

Mailing Address

Attention: Cynthia J. Kaleri (6EN-AA)

United States Environmental Protection Agency

1445 Ross Avenue

Dallas, TX 75202-2733

This email may contain material that is confidential, privileged, and/or attorney work product and is for the sole use of the intended recipient. Any review, reliance or distribution by others or forwarding without express permission is strictly prohibited. If you are not the intended recipient, please contact the sender and delete all copies.